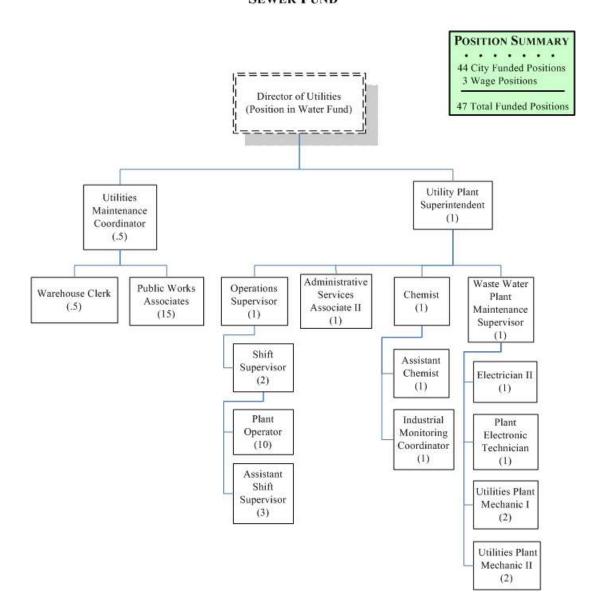


# UTILITIES DEPARTMENT SEWER FUND

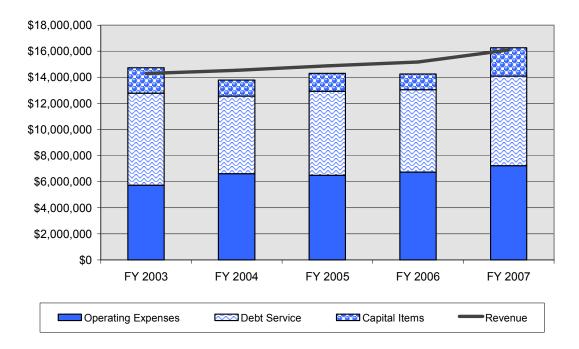




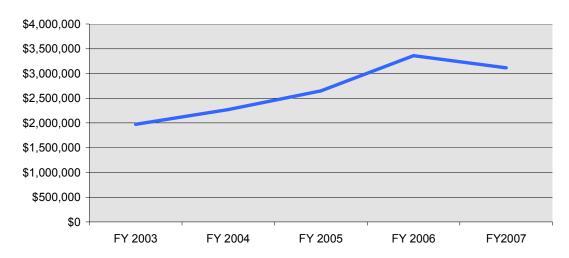


The Utilities Division operates a regional wastewater treatment plant that can treat up to 22 million gallons a day of domestic and industrial wastewater. Wastewater is treated to Federal and State water quality standards before being discharged into the James River. Wastewater service is provided to approximately 80% of the citizens and businesses in Lynchburg. Service is also provided to parts of Amherst, Bedford and Campbell Counties under the terms of the 1974 Regional Institutional Wastewater Treatment Agreement. Under this agreement, the counties share in 20% of the operating and capital expenses of the wastewater treatment plant. The Utilities Division also cleans, monitors and repairs the wastewater collection system, including an extensive network of sanitary and combined sanitary/storm drains. The City built its original combined sewer system at the turn of the century and is now renovating it to meet new federal and state standards.

# **Revenues & Expenses**



# **Ending Unrestricted Cash**





# Sewer Fund Debt Coverage

	Actual FY 2005	Adopted FY 2006	Department Requested FY 2007	Manager's Proposed FY 2007	Adopted FY 2007
DEBT COVERAGE					
Revenues:					
Charges for Services	\$13,135,312	\$13,277,804	\$13,659,408	\$13,659,408	\$13,659,408
Sewer Contracts	2,060,325	1,798,083	2,080,053	2,080,053	2,080,053
Interest & Other	162,377	98,500	351,952	351,952	351,952
TOTAL	\$15,358,014	\$15,174,387	\$16,091,413	\$16,091,413	\$16,091,413
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Expenses:					
WWTP	\$3,946,096	\$4,113,731	\$4,386,135	\$4,386,135	\$4,386,135
Collection system maintenance	1,520,426	1,445,975	1,627,190	1,627,190	1,627,190
Non-Departmental	602,916	875,260	914,477	914,477	914,477
Major Sewer line cleaning	15,785	200,000	200,000	200,000	200,000
Projects costs charged to operations	33.925	100.000	100.000	100,000	100,000
TOTAL	\$6,119,148	\$6,734,966	\$7,227,802	\$7,227,802	\$7,227,802
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Operating Income	\$9,238,866	\$8,439,421	\$8,863,611	\$8,863,611	\$8,863,611
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Debt Service	\$6,205,126	\$6,317,613	\$6,870,442	\$6,870,442	\$6,870,442
Net Revenue	\$3,033,740	\$2,121,808	\$1,993,168	\$1,993,168	\$1,993,168
Debt Coverage ratio Target	1.20	1.20	1.20	1.20	1.20
Debt Coverage ratio	1.49	1.34	1.29	1.29	1.29
	2.17	1.51	,	1.27	/



## Sewer Fund Sources and Uses of Cash

	Actual FY 2005	Adopted FY 2006	Department Requested FY 2007	Manager's Proposed FY 2007	Adopted FY 2007
SOURCES AND USES OF CASH					
Sources of Cash:					
Beginning cash balance	\$6,508,157	\$4,868,349	\$10,448,399	\$10,448,399	\$10,448,399
Net Revenue	3,033,740	2,121,808	1,993,168	1,993,168	1,993,168
G.O. Bond proceeds	3,033,740	2,200,000	1,993,108	1,993,108	0
VRLF loan drawdowns	2,654,072	6,700,000	9,422,652	9,422,652	9,422,652
Proceeds from other organizations	23,255	0,700,000	9,422,032	9,422,032	9,422,032
Federal and State capital grants	3,889,161	903,800	1,500,000	1,500,000	1,500,000
TOTAL	\$16,108,385	\$16,793,957	\$23,364,219	\$23,364,219	\$23,364,219
IOIAL	\$10,100,363	\$10,793,937	\$23,304,219	\$23,304,219	\$23,304,219
Uses of Cash					
Capital purchases	9,717,359	11,770,992	17,518,933	17,518,933	17,518,933
Transfers to other funds	164,394	44,394	452,000	452,000	452,000
Change in working capital items	(682,764)	212,160	51,000	51,000	51,000
TOTAL	\$9,198,989	\$12,027,546	\$18,021,933	\$18,021,933	\$18,021,933
IOIAL	\$9,190,909	\$12,027,340	\$18,021,933	\$18,021,933	\$10,021,933
Ending cash	\$6,909,396	\$4,766,411	\$5,342,286	\$5,342,286	\$5,342,286
Cash Restricted for Capital Projects	(2.572.029)	(1,409,264)	(2 220 625)	(2.220.625)	(2.220.625)
Cash Restricted for Capital Projects	(2,573,028)	(1,409,204)	(2,229,625)	(2,229,625)	(2,229,625)
Ending Unrestricted Cash	\$4,336,368	\$3,357,147	\$3,112,661	\$3,112,661	\$3,112,661
Operating expenses and debt service	\$12,324,273	\$13,052,579	\$14,098,244	\$14,098,244	\$14,098,244
Unrestricted cash target as a % of	25%	25%	23%	23%	23%
operating expenses and debt service	2370	2370	2370	2370	2370
Unrestricted cash as a % of operating expenses and debt service	35%	26%	22%	22%	22%

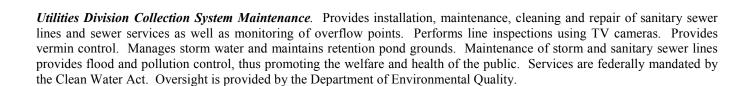
This Statement of Sources and Uses of Cash has been added to the Budget in order to more closely align the budget presentation to the requirements of GASB 34 and provide additional information concerning the cash flows in the operating and capital funds.



DEVENITE CHAMADY	Actual FY 2005	Adopted FY 2006	Department Requested FY 2007	Manager's Proposed FY 2007	Adopted FY 2007
REVENUE SUMMARY					
Charges for Services:					
Retail Volume Charges	\$11,693,859	\$11,960,000	\$12,303,720	\$12,303,720	\$12,303,720
Meter Charges	388,725	406,000	400,000	400,000	400,000
Septic Hauler Charges	323,890	260,000	325,000	325,000	325,000
Sewer backwash charge	110,000	112,600	112,600	112,600	112,600
Leatchate Treatment	55,167	56,822	56,822	56,822	56,822
Industrial pre-treatment	6,050	6,666	6,000	6,000	6,000
Industrial Surcharges	164,931	103,000	103,000	103,000	103,000
Industrial Monitoring Charges	30,905	51,500	36,050	36,050	36,050
Availability Fees	104,704	150,000	150,000	150,000	150,000
Connection Charges	147,685	131,216	131,216	131,216	131,216
Sewer cost plus	31,606	40,000	35,000	35,000	35,000
All Others	77,790	0	0	0	0
TOTAL	\$13,135,312	\$13,277,804	\$13,659,408	\$13,659,408	\$13,659,408
Sewer Contracts					
Amherst	314,114	296,390	286,355	286,355	286,355
Bedford	282,671	274,289	290,334	290,334	290,334
Campbell	183,770	155,894	177,364	177,364	177,364
Industrial	1,279,770	1,071,510	1,326,000	1,326,000	1,326,000
TOTAL	\$2,060,325	\$1,798,083	\$2,080,053	\$2,080,053	\$2,080,053
IOIAL	\$2,000,323	\$1,790,003	\$2,080,033	\$2,080,033	\$2,080,033
Interest & Other:					
Interest	118,720	60,000	313,452	313,452	313,452
State Highway Maintenance	38,500	38,500	38,500	38,500	38,500
All Other	5,157	0	0	0	0
TOTAL	\$162,377	\$98,500	\$351,952	\$351,952	\$351,952
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TOTAL REVENUES	\$15,358,014	\$15,174,387	\$16,091,413	\$16,091,413	\$16,091,413



	Actual FY 2005	Adopted FY 2006	Department Requested FY 2007	Manager's Proposed FY 2007	Adopted FY 2007
EXPENSE SUMMARY					
Departmental:					
Personal Services	\$1,359,775	\$1,423,175	\$1,458,116	\$1,458,116	\$1,458,116
Fringe benefits	480,945	521,173	577,672	577,672	577,672
Supplies & Materials	453,577	433,900	475,400	475,400	475,400
Sludge disposal - landfill	633,399	625,000	700,000	700,000	700,000
Chemicals	294,585	250,000	471,000	471,000	471,000
Gasoline / fuel	41,092	45,200	59,097	59,097	59,097
Internal service charges	56,775	71,888	74,025	74,025	74,025
Rentals & leases	4,974	6,500	6,500	6,500	6,500
Communication charges	6,945	8,700	8,700	8,700	8,700
Utilities	439,428	460,000	470,000	470,000	470,000
Building & grounds	21,564	10,300	10,300	10,300	10,300
Contractual Services (a)	533,061	545,000	611,894	611,894	611,894
Training & meetings	11,983	17,200	17,200	17,200	17,200
Indirect Costs	962,275	962,275	873,250	873,250	873,250
Self - Insurance	150,961	161,595	182,371	182,371	182,371
Misc.	15,183	17,800	17,800	17,800	17,800
TOTAL	\$5,466,522	\$5,559,706	\$6,013,325	\$6,013,325	\$6,013,325
Non-Departmental:					
Water Fund Payments	510,000	600,000	600,000	600,000	600,000
Retirees health insurance	53,354	71,260	93,820	93,820	93,820
Financial audit	25,080	25,000	20,657	20,657	20,657
Est. uncollectable accounts	2,603	60,000	60,000	60,000	60,000
Legal & professional	11,879	50,000	50,000	50,000	50,000
Compensation Plan Adjustment	0	54,000	90,000	90,000	90,000
All Other	0	15,000	90,000	90,000	90,000
TOTAL	\$602,916	\$875,260	\$914,477	\$914,477	\$914,477
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Major sewer line cleaning (JRI)	\$15,785	\$200,000	\$200,000	\$200,000	\$200,000
Capital Purchases and Transfers:					
Transfer to Sewer Capital Fund	\$1,000,000	\$1,100,000	\$1,700,000	\$1,700,000	\$1,700,000
Transfer to Gen Franchise Tax	44,394	0	0	0	0
Transfer to City Fleet Fund	120,000	0	452,000	452,000	452,000
Capital purchases	184,550	55,000	10,000	10,000	10,000
TOTAL	\$1,348,944	\$1,155,000	\$2,162,000	\$2,162,000	\$2,162,000
Debt Service:	\$6,205,126	\$6,317,613	\$6,870,442	\$6,870,442	\$6,870,442
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TOTAL EXPENSES	\$13,639,293	\$14,107,579	\$16,160,244	\$16,160,244	\$16,160,244
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	Actual FY 2005	Adopted FY 2006	Department Requested FY 2007	Manager's Proposed FY 2007	Adopted FY 2007
EXPENSE SUMMARY					
City Funded Full-Time	16	16	16	16	16
Total FTE	16	16	16	16	16
BUDGET SUMMARY					
Personal services	\$419,066	\$458,978	\$465,779	\$465,779	\$465,779
Fringe benefits	157,223	174,980	193,804	193,804	193,804
Supplies & materials	157,643	140,000	170,000	170,000	170,000
Gasoline / fuel	33,693	36,673	47,853	47,853	47,853
Internal service charges	46,282	61,273	63,281	63,281	63,281
Rentals & leases	847	1,500	1,500	1,500	1,500
Communication charges	1,800	2,800	2,800	2,800	2,800
Buildings & grounds	0	300	300	300	300
Contractual services	33,168	70,000	66,723	66,723	66,723
Training & meetings	4,935	5,700	5,700	5,700	5,700
Indirect Costs	569,316	392,959	499,548	499,548	499,548
Self - Insurance	96,453	100,512	109,602	109,602	109,602
Misc.	0	300	300	300	300
TOTAL	\$1,520,426	\$1,445,975	\$1,627,190	\$1,627,190	\$1,627,190

rprise Fund Sewer Fund

## Sewer Fund - Collection System Maintenance Budget Description

The Department Requested FY 2007 Utilities Division Sewer Fund – Collection System Maintenance budget of \$1,627,190 represents a 12.5% increase of \$181,215 as compared to the Adopted FY 2006 budget of \$1,445,975.

Significant changes introduced in the Department Requested FY 2007 budget include:

- \$25,625 increase in Salaries and Employee Benefits reflecting FY 2006 compensation adjustments, increased insurance premiums and the end of the life insurance premium holiday.
- \$30,000 increase in Supplies and Materials reflecting additional storm system maintenance.
- \$11,180 increase in Gasoline/Fuel reflecting the rising cost of fuel.
- \$106,589 increase in Indirect Costs based upon the Maximus Indirect Cost Allocation Plan.

All major items requested were proposed by the City Manager for funding.

The Proposed FY 2007 Utilities Division Sewer Fund – Collection System Maintenance budget was adopted by City Council without changes.

### Sewer Fund - Collection System Maintenance Performance Measures

### Goal 1:

Protect the environment and promote the general health and welfare of the citizens of Lynchburg while maintaining a high level of customer satisfaction.

### Objective:

Provide pollution and flood control through the maintenance of the sanitary and storm sewer systems.

Performance Measure:	Projected FY 2005	Actual FY 2005	Target FY 2006	Target FY 2007
Number of dry weather sanitary sewer overflows	26	24	24	22
Linear feet of sewer line televised	200,000	243,937	225,000	240,000
Linear feet of sewer line cleaned	150,000	199,480	175,000	190,000

### Goal 2:

Adequately operate and maintain the City's wastewater collection system and storm drain system.

#### Objective:

Perform all necessary repairs, replacement, and preventative maintenance for the wastewater collection and storm drainage systems.

Performance Measure:	Projected FY 2005	Actual FY 2005	Target FY 2006	Target FY 2007
Number of sanitary sewer repairs	20	127	25	75
Number of storm drain inlets cleaned and repaired	5,500	8,462	6,000	7,500
Number of new sewer services installed	80	97	100	100

terprise Fund Sewer Fund

Utilities Division Wastewater Treatment Plant. Performs secondary treatment for an average of 12 million gallons per day (with peaks up to 28 MGD) of domestic and industrial wastewater. Amherst, Bedford, and Campbell Counties partner with the City in this cooperative endeavor. Rock Tenn wastewater is pretreated, which includes grit removal, screening, and clarification on the plant site and then combined with the domestic wastewater. The combined wastes receive primary settling, aeration, secondary settling, and disinfection before the effluent is discharged into the James River. Sludge produced from the treatment process is dewatered and landfilled. The plant operates continually. Wastewater is treated to meet national environmental stream standards and to promote the general health and welfare of residents of the region. The services provided are federally mandated by the Clean Water Act. Oversight is provided by the Department of Environmental Quality.

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	Actual	Adopted	Requested	Proposed	Adopted	
	FY 2005	FY 2006	FY 2007	FY 2007	FY 2007	
EXPENSE SUMMARY						
City Funded Full-Time	28	28	28	28	28	
Total FTE	28	28	28	28	28	
BUDGET SUMMARY						
Personal services	\$940,709	\$964,197	\$992,337	\$992,337	\$992,337	
Fringe benefits	323,722	346,193	383,868	383,868	383,868	
Supplies & materials	295,934	293,900	305,400	305,400	305,400	
Sludge disposal - landfill	633,399	625,000	700,000	700,000	700,000	
Chemicals	294,585	250,000	471,000	471,000	471,000	
Gasoline / fuel	7,399	8,527	11,244	11,244	11,244	
Internal service charges	10,493	10,615	10,744	10,744	10,744	
Rentals & leases	4,127	5,000	5,000	5,000	5,000	
Communication charges	5,145	5,900	5,900	5,900	5,900	
Utilities	439,428	460,000	470,000	470,000	470,000	
Buildings & grounds	21,564	10,000	10,000	10,000	10,000	
Contractual services	499,893	475,000	545,171	545,171	545,171	
Training & meetings	7,048	11,500	11,500	11,500	11,500	
Indirect Costs	392,959	569,316	373,702	373,702	373,702	
Self - Insurance	54,508	61,083	72,769	72,769	72,769	
Misc.	15,183	17,500	17,500	17,500	17,500	
TOTAL	\$3,946,096	\$4,113,731	\$4,386,135	\$4,386,135	\$4,386,135	

## Sewer Fund - Wastewater Treatment Budget Description

The Department Requested FY 2007 Utilities Division Sewer Fund – Wastewater Treatment budget of \$4,386,135 represents a 6.62% increase of \$272,404 as compared to the Adopted FY 2006 budget of \$4,113,731.

Significant changes introduced in the Department Requested FY 2007 budget include:

- \$65,815 increase in Salaries and Employee Benefits reflecting FY 2006 compensation adjustments, increased insurance premiums, the end of the life insurance premium holiday as well as the reclassification of one position, and an increase in the wage money for grounds and building maintenance.
- \$75,000 increase in Sludge Disposal/Landfill reflecting additional sludge hauling.
- \$221,000 increase in Chemicals due to significant supplier costs increases, the conversion from chlorine to sodium hypochlorite and an increase in sludge volume.
- \$10,000 increase in Utilities due to the rising cost of natural gas.
- \$195,614 decrease in indirect costs based upon the Maximus Indirect Cost Allocation Plan.
- \$11,686 increase in self insurance costs.

All major items requested were proposed by the City Manager for funding.

The Proposed FY 2007 Utilities Division Sewer Fund – Wastewater Treatment budget was adopted by City Council without changes.



## Sewer Fund - Wastewater Treatment Performance Measures

#### Goal 1

Protect the environment and promote general health and welfare.

## Objective:

Treat wastewater from the City of Lynchburg, Amherst, Bedford, and Campbell Counties to meet or exceed all state and federal regulatory requirements.

Performance Measure:	Projected FY 2005	Actual FY 2005	Target FY 2006	Target FY 2007
Average volume of wastewater treated per day (million gallons per day)	13.5	12.65	13.1	13.2
Number of Discharge Monitoring Report violations per year	0	0	0	0
Percent of Satisfactory ratings on Department of Environmental Quality Technical and Laboratory Inspection Reports	100	100%	100	100%

### Goal 2:

Operate the Wastewater Treatment Plant in a cost effective and efficient manner.

#### Objective:

Treat wastewater in a technically sound and efficiently operated Regional Wastewater Treatment Plant on an uninterrupted basis.

Performance Measure:	Projected FY 2005	Actual FY 2005	Target FY 2006	Target FY 2007
Chemical cost per million gallons treated	\$70	\$69.85	\$72	\$72
Overall treatment cost per million gallons treated	\$850	\$854.84	\$830	\$850
Percent of sludge disposed of in the City's landfill	88%	91.8%	90%	90%